A2500-3

# NEWSPRINT DIVISION

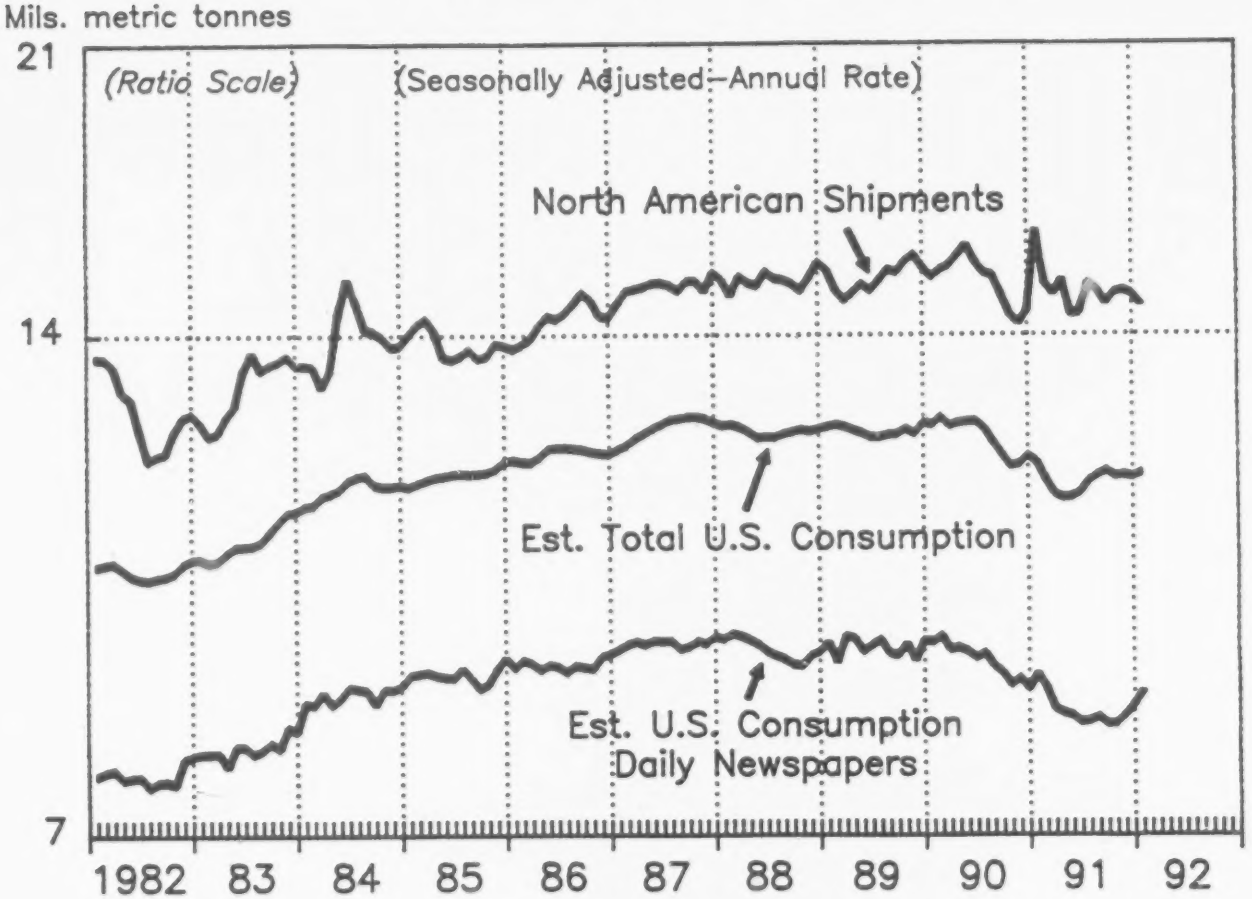
MONTHLY STATISTICAL REPORT
(In Metric Tonnes)

AMERICAN PAPER INSTITUTE
260 Madison Avenue, New York, N.Y. 10016

**REPORT FOR JANUARY, 1992**

**ESTIMATED TOTAL U.S. CONSUMPTION DECLINED (-2.5%) IN JANUARY COMPARED TO LAST YEAR BUT APPEARS TO BE TRENDING UPWARDS ON A SEASONAL BASIS. U.S. SHIPMENTS OF NEWSPRINT WERE UP 3.5% IN JANUARY. CANADIAN SHIPMENTS WERE DOWN (-13.5%). JANUARY EXPORTS TO OTHER MARKETS WERE UP 74.9% FOR THE U.S. AND UP 17.3% FOR CANADA COMPARED TO JANUARY LAST YEAR.**

## TOTAL U.S. NEWSPRINT CONSUMPTION AND NEWSPRINT SHIPMENTS FROM NORTH AMERICA

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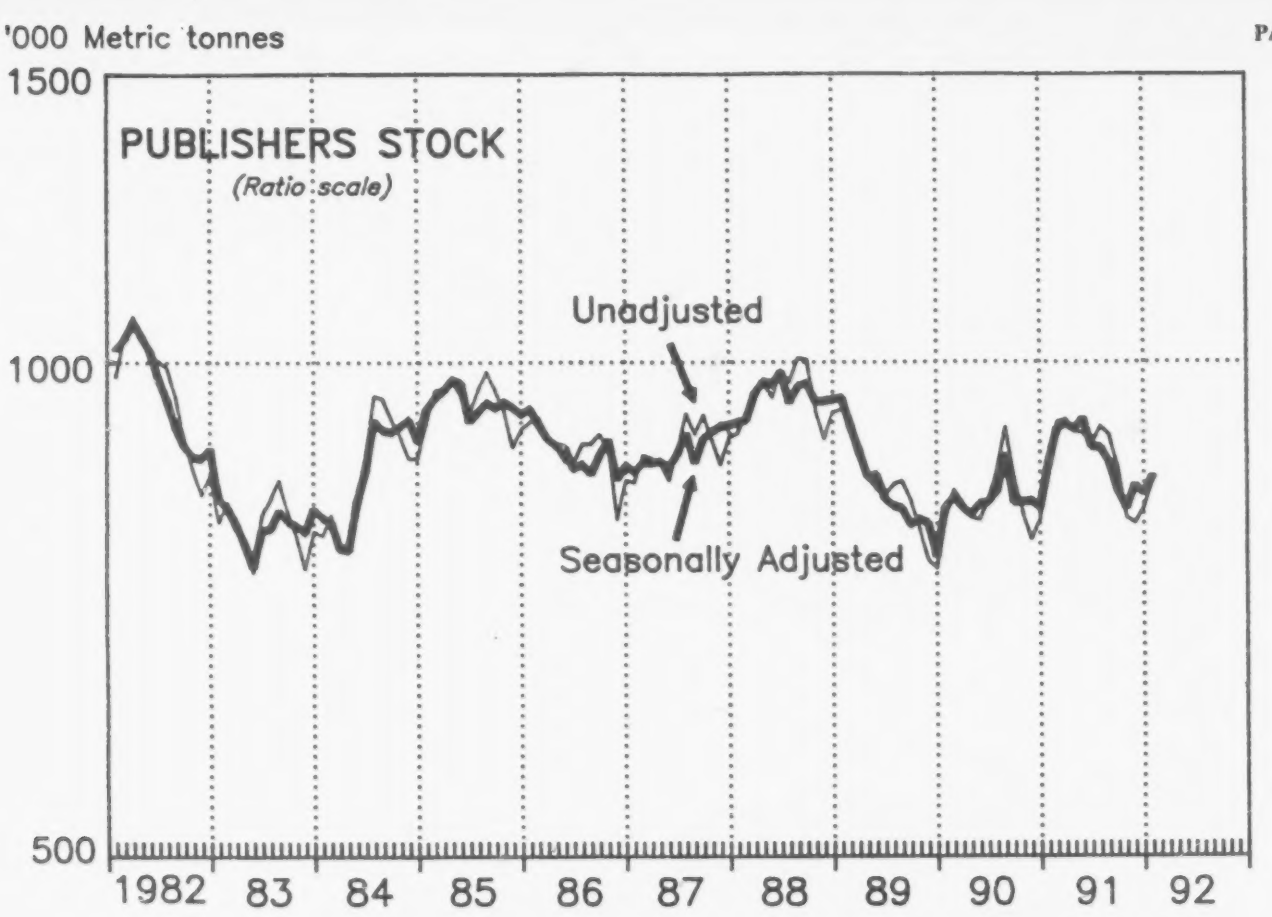


**UNITED STATES COMPANIES PARTICIPATING IN REPORT**

Augusta Newsprint Company
Alabama River Newsprint Company
Bear Island Paper Company
Boise Cascade Corporation
Bowater Inc.
Champion International Corp.
FSC Paper Company, L.P.
Garden State Paper Company
Georgia-Pacific Corp.
Inland Empire Paper Company
James River Corporation
Manistique Papers, Inc.
Newsprint South, Inc.
North Pacific Paper Company
Ponderay Newsprint Company
Smurfit Newsprint Corporation
Southeast Paper Mfg. Company
Stone Container Corporation

Data for non-reporting company has been estimated.

In addition to the above contributing companies, the inputs for this report are dependent upon data received from the Canadian Pulp & Paper Association, and the American Newspaper Publishers Association.

# NEWSPRINT STATISTICS

(In Thousands of Metric Tonnes) (Not Seasonally Adjusted)

| | NORTH AMERICA | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PRODUCTION | | | | SHIPMENTS | | | | STOCKS-END OF MONTH | | | |
| | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 | % Change |
| January | 1,299.2 | 1,359.2 | 1,266.4 | -6.8 | 1,212.7 | 1,293.3 | 1,208.1 | -6.6 | 464.2 | 427.2 | 692.0 | +62.0 |
| February | 1,209.4 | 1,238.4 | | | 1,185.8 | 1,153.5 | | | 487.8 | 512.1 | | |
| March | 1,286.2 | 1,317.6 | | | 1,317.6 | 1,270.2 | | | 456.4 | 559.4 | | |
| April | 1,276.7 | 1,270.0 | | | 1,307.9 | 1,244.4 | | | 425.3 | 585.0 | | |
| May | 1,341.5 | 1,270.5 | | | 1,362.2 | 1,237.5 | | | 404.6 | 618.2 | | |
| June | 1,250.8 | 1,263.3 | | | 1,290.3 | 1,228.5 | | | 365.0 | 653.0 | | |
| July | 1,334.2 | 1,310.6 | | | 1,259.0 | 1,230.8 | | | 440.4 | 732.7 | | |
| August | 1,276.3 | 1,274.6 | | | 1,267.4 | 1,255.4 | | | 449.3 | 751.8 | | |
| September | 1,158.6 | 1,232.8 | | | 1,206.7 | 1,209.2 | | | 401.2 | 775.4 | | |
| October | 1,221.3 | 1,257.2 | | | 1,215.3 | 1,267.8 | | | 407.1 | 764.7 | | |
| November | 1,176.4 | 1,245.2 | | | 1,199.0 | 1,253.7 | | | 384.5 | 756.2 | | |
| December | 1,234.1 | 1,143.0 | | | 1,257.4 | 1,265.6 | | | 361.2 | 633.6 | | |
| 1 Months | 1,299.2 | 1,359.2 | 1,266.4 | -6.8 | 1,212.7 | 1,293.3 | 1,208.1 | -6.6 | 464.2 | 427.2 | 692.0 | +62.0 |
| **TOTAL YEAR** | **15,064.6** | **15,182.4** | | | **15,081.3** | **14,909.9** | | | **5,047.0** | **7,769.3** | | |

| | DISTRIBUTION OF NORTH AMERICAN SHIPMENTS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TO UNITED STATES | | | | TO CANADA | | | | TO OTHER MARKETS | | | |
| | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 | % Change |
| January | 992.4 | 1,038.1 | 899.5 | -13.4 | 86.3 | 77.8 | 74.4 | -4.4 | 134.0 | 177.4 | 234.2 | +32.0 |
| February | 949.1 | 905.5 | | | 86.7 | 75.6 | | | 150.0 | 172.4 | | |
| March | 1,027.0 | 936.5 | | | 95.9 | 79.9 | | | 194.7 | 253.8 | | |
| April | 1,035.4 | 938.8 | | | 98.3 | 87.1 | | | 174.2 | 218.5 | | |
| May | 1,075.1 | 937.6 | | | 118.0 | 85.8 | | | 169.1 | 214.1 | | |
| June | 1,007.8 | 919.3 | | | 91.8 | 87.3 | | | 190.8 | 221.9 | | |
| July | 1,009.7 | 916.4 | | | 89.7 | 81.8 | | | 159.5 | 232.6 | | |
| August | 984.9 | 926.1 | | | 86.0 | 82.1 | | | 196.5 | 247.2 | | |
| September | 952.7 | 927.1 | | | 73.3 | 81.7 | | | 180.8 | 200.3 | | |
| October | 977.4 | 963.7 | | | 75.8 | 91.9 | | | 162.1 | 212.2 | | |
| November | 986.7 | 979.0 | | | 83.7 | 87.9 | | | 128.6 | 186.8 | | |
| December | 1,004.9 | 948.3 | | | 89.9 | 81.4 | | | 162.6 | 235.8 | | |
| 1 Months | 992.4 | 1,038.1 | 899.5 | -13.4 | 86.3 | 77.8 | 74.4 | -4.4 | 134.0 | 177.4 | 234.2 | +32.0 |
| **TOTAL YEAR** | **12,003.1** | **11,336.4** | | | **1,075.4** | **1,000.3** | | | **2,062.8** | **2,573.0** | | |

SOURCE: Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp and Paper Association

NEWSPER001:004CHT51.WP

# NEWSPRINT STATISTICS



(In Thousands of Metric Tonnes) (Not Seasonally Adjusted)

| | UNITED STATES | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PRODUCTION | | | | SHIPMENTS | | | | STOCKS-END OF MONTH | | | |
| | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 | % Change |
| January | 501.9 | 522.6 | 550.8 | +5.4 | 497.2 | 527.4 | 545.6 | +3.5 | 61.2 | 41.5 | 103.0 | +149.4 |
| February | 462.4 | 473.2 | | | 467.4 | 465.1 | | | 56.2 | 49.6 | | |
| March | 492.2 | 522.8 | | | 492.8 | 510.9 | | | 55.6 | 61.4 | | |
| April | 491.1 | 519.4 | | | 493.4 | 501.5 | | | 53.3 | 79.3 | | |
| May | 494.5 | 521.0 | | | 501.5 | 520.3 | | | 46.2 | 80.1 | | |
| June | 488.6 | 507.5 | | | 486.2 | 497.0 | | | 48.6 | 90.6 | | |
| July | 507.8 | 531.7 | | | 507.5 | 515.0 | | | 49.0 | 107.2 | | |
| August | 518.8 | 526.2 | | | 517.8 | 512.2 | | | 50.0 | 121.2 | | |
| September | 498.0 | 495.9 | | | 508.9 | 495.2 | | | 39.1 | 121.9 | | |
| October | 510.6 | 529.9 | | | 505.5 | 512.8 | | | 44.1 | 139.0 | | |
| November | 512.0 | 527.4 | | | 511.4 | 544.7 | | | 44.7 | 121.7 | | |
| December | 518.7 | 528.2 | | | 517.2 | 552.1 | | | 46.3 | 97.8 | | |
| 1 Months | 501.9 | 522.6 | 550.8 | +5.4 | 497.2 | 527.4 | 545.6 | +3.5 | 61.2 | 41.5 | 103.0 | +149.4 |
| **TOTAL YEAR** | **5,996.6** | **6,205.8** | | | **6,006.8** | **6,154.2** | | | **594.3** | **1,111.3** | | |

| | DISTRIBUTION OF UNITED STATES SHIPMENTS | | | | | | | | SHIPMENTS TO THE UNITED STATES FROM OVERSEAS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TO UNITED STATES | | | | TO OTHER MARKETS | | | | | | | |
| | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 | % Change | 1989 | 1990 | 1991 | % Change |
| January | 458.3 | 482.3 | 466.7 | -3.2 | 38.9 | 45.1 | 78.9 | +74.9 | 15.2 | 24.3 | 9.6 | -60.5 |
| February | 435.1 | 426.2 | | | 32.3 | 38.9 | | | 11.5 | 4.9 | 11.5 | +134.7 |
| March | 459.7 | 465.3 | | | 33.1 | 45.6 | | | 26.4 | 10.3 | 8.1 | -21.9 |
| April | 456.9 | 455.8 | | | 36.5 | 45.7 | | | 8.6 | 19.0 | 16.2 | -14.7 |
| May | 471.6 | 467.3 | | | 29.9 | 53.0 | | | 18.0 | 21.8 | 5.9 | -72.9 |
| June | 458.3 | 447.9 | | | 27.9 | 49.1 | | | 24.4 | 12.8 | 7.8 | -39.1 |
| July | 465.1 | 456.4 | | | 42.4 | 58.6 | | | 5.6 | 14.3 | 4.8 | -66.4 |
| August | 480.4 | 470.8 | | | 37.4 | 41.4 | | | 19.1 | 12.2 | 9.5 | -22.1 |
| September | 470.7 | 450.4 | | | 38.2 | 44.8 | | | 31.0 | 8.8 | 8.6 | -2.3 |
| October | 464.4 | 468.2 | | | 41.1 | 44.6 | | | 14.3 | 15.1 | 9.6 | -36.4 |
| November | 474.3 | 494.2 | | | 37.1 | 50.5 | | | 9.9 | 7.3 | 2.5 | -65.8 |
| December | 485.4 | 498.8 | | | 31.8 | 53.2 | | | 17.9 | 13.6 | 5.9 | 56.6 |
| 1 Months | 458.3 | 482.3 | 466.7 | -3.2 | 38.9 | 45.1 | 78.9 | +74.9 | | | | |
| **TOTAL YEAR** | **5,580.2** | **5,581.6** | | | **426.6** | **570.5** | | | **201.9** | **164.4** | **100.0** | **39.2** |

SOURCE: Newsprint Division, American Paper Institute and Bureau of Census.

NEWSPER001:006CHT51.WP

# NEWSPRINT STATISTICS



(In Thousands of Metric Tonnes) (Not Seasonally Adjusted)

| | CANADA | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PRODUCTION | | | | SHIPMENTS | | | | STOCKS-END OF MONTH | | | |
| | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 | % Change |
| January | 797.3 | 836.6 | 715.6 | -14.5 | 715.5 | 765.9 | 662.3 | -13.5 | 403.0 | 385.7 | 589.0 | +52.7 |
| February | 747.0 | 765.2 | | | 718.4 | 688.4 | | | 431.6 | 462.5 | | |
| March | 794.0 | 794.8 | | | 824.8 | 759.3 | | | 400.8 | 498.0 | | |
| April | 785.6 | 750.6 | | | 814.5 | 742.9 | | | 372.0 | 505.7 | | |
| May | 847.0 | 749.5 | | | 860.7 | 717.2 | | | 358.4 | 538.1 | | |
| June | 762.2 | 755.8 | | | 804.1 | 731.5 | | | 316.4 | 562.4 | | |
| July | 826.4 | 778.9 | | | 751.5 | 715.8 | | | 391.4 | 625.5 | | |
| August | 757.5 | 748.4 | | | 749.6 | 743.2 | | | 399.3 | 630.6 | | |
| September | 660.6 | 736.9 | | | 697.8 | 714.0 | | | 362.1 | 653.5 | | |
| October | 710.7 | 727.3 | | | 709.8 | 755.0 | | | 363.0 | 625.7 | | |
| November | 664.4 | 717.8 | | | 687.6 | 709.0 | | | 339.8 | 634.5 | | |
| December | 715.4 | 614.8 | | | 740.2 | 713.5 | | | 315.0 | 535.8 | | |
| 1 Months | 797.3 | 836.6 | 715.6 | -14.5 | 715.5 | 765.9 | 662.3 | -13.5 | 403.0 | 385.7 | 589.0 | +52.7 |
| TOTAL YEAR | 9,068.1 | 8,976.6 | | | 9,074.5 | 8,755.7 | | | 4,452.8 | 6,658.0 | | |

| | DISTRIBUTION OF CANADIAN SHIPMENTS | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TO UNITED STATES | | | | TO CANADA | | | | TO OTHER MARKETS | | | |
| | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 | % Change |
| January | 534.1 | 555.8 | 432.8 | -22.1 | 86.3 | 77.8 | 74.3 | -4.5 | 95.1 | 132.3 | 155.2 | +17.3 |
| February | 514.0 | 479.3 | | | 86.7 | 75.6 | | | 117.7 | 133.5 | | |
| March | 567.3 | 471.2 | | | 95.9 | 79.9 | | | 161.6 | 208.2 | | |
| April | 578.5 | 483.0 | | | 98.3 | 87.1 | | | 137.7 | 172.8 | | |
| May | 603.5 | 470.3 | | | 118.0 | 85.8 | | | 139.2 | 161.1R | | |
| June | 549.5 | 471.4 | | | 91.8 | 87.3 | | | 162.9 | 172.8 | | |
| July | 544.6 | 460.0 | | | 89.7 | 81.8 | | | 117.1 | 174.0 | | |
| August | 504.5 | 455.3 | | | 86.0 | 82.1 | | | 159.1 | 205.8 | | |
| September | 482.0 | 476.7 | | | 73.3 | 81.7 | | | 142.6 | 155.5 | | |
| October | 513.0 | 495.5 | | | 75.8 | 91.9 | | | 121.0 | 167.6 | | |
| November | 512.4 | 484.8 | | | 83.7 | 87.9 | | | 91.5 | 136.3 | | |
| December | 519.5 | 449.5 | | | 89.9 | 81.4 | | | 130.8 | 182.6 | | |
| 1 Months | 534.1 | 555.8 | 432.8 | -22.1 | 86.3 | 77.8 | 74.3 | -4.5 | 95.1 | 132.3 | 155.2 | +17.3 |
| TOTAL YEAR | 6,422.9 | 5,752.5 | | | 1,075.4 | 1,000.3 | | | 1,576.2 | 2,002.5 | | |

SOURCE: Newsprint Section, Canadian Pulp and Paper Association.

NEWSPER001:005CHT51.WP

# NEWSPRINT STATISTICS

(In Thousands of Metric Tonnes)

(Not Seasonally Adjusted)

| | TOTAL UNITED STATES ESTIMATED CONSUMPTION | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | DAILY NEWSPAPERS (1) | | | | ALL USERS (2) | | | | % DAILY NEWSPAPERS TO TOTAL ALL USERS | | |
| | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 | % Change | 1990 | 1991R | 1992 |
| January | 715.2 | 687.8 | 664.3 | -3.4 | 966.0 | 922.5 | 899.3 | -2.5 | 74.0 | 74.6 | 73.9 |
| February | 687.5 | 639.7 | | | 930.0 | 854.5 | | | 73.9 | 74.9 | |
| March | 775.9 | 710.4 | | | 1,059.0 | 958.0 | | | 73.3 | 74.2 | |
| April | 760.5 | 689.9 | | | 1,038.0 | 931.7 | | | 73.3 | 74.0 | |
| May | 777.8 | 708.1 | | | 1,070.0 | 958.0 | | | 72.7 | 73.9 | |
| June | 723.7 | 670.6 | | | 1,005.0 | 922.5 | | | 72.0 | 72.7 | |
| July | 702.8 | 636.2 | | | 960.0 | 885.7 | | | 73.2 | 71.8 | |
| August | 730.3 | 681.0 | | | 996.0 | 952.1 | | | 73.3 | 71.5 | |
| September | 751.7 | 690.7 | | | 1,017.0 | 981.1 | | | 73.9 | 70.4 | |
| October | 771.7 | 745.8 | | | 1,045.0 | 1,050.7 | | | 73.8 | 71.0 | |
| November | 764.8 | 726.3R | | | 1,030.0 | 1,012.4R | | | 74.3 | 71.7 | |
| December | 731.7 | 703.4R | | | 1,011.0 | 965.5R | | | 72.4 | 72.9 | |
| 1 Months | 715.2 | 687.8 | 664.3 | -3.4 | 966.0 | 922.5 | 899.3 | -2.5 | | | |
| TOTAL YEAR | 8,893.6R | 8,289.9 | | | 12,126.0 | 11,394.7 | | | | | |

P - Preliminary R - Revised

(1) Based on data from ANPA - member newspapers in statistical sample.

(2) Numbers may not add due to rounding.

(Seasonally Adjusted)

| | TOTAL UNITED STATES ESTIMATED CONSUMPTION | | | | | | | | TOTAL NORTH AMERICAN SHIPMENTS | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DAILY NEWSPAPERS | | | | ALL USERS | | | | | | | |
| | Seas. Adj. - 3 Mon. Moving Avg. Annual Basis | | | | Seas. Adj. - 3 Mon. Moving Avg. Annual Basis | | | | Seasonally Adjusted Annual Basis | | | |
| | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 | % Change |
| January | 9,139 | 8,751 | 8,528 | -2.5 | 12,350 | 11,730 | 11,540 | -1.6 | 15,179 | 16,188 | 14,598 | -9.8 |
| February | 9,223 | 8,584 | | | 12,480 | 11,460 | | | 15,467 | 15,046 | | |
| March | 9,038 | 8,333 | | | 12,330 | 11,230 | | | 15,362 | 14,810 | | |
| April | 9,075 | 8,281 | | | 12,380 | 11,160 | | | 15,889 | 15,118 | | |
| May | 9,015 | 8,255 | | | 12,400 | 11,170 | | | 15,868 | 14,414 | | |
| June | 8,935 | 8,171 | | | 12,410 | 11,240 | | | 15,156 | 14,430 | | |
| July | 8,996 | 8,199 | | | 12,290 | 11,420 | | | 15,380 | 15,036 | | |
| August | 8,940 | 8,230 | | | 12,060 | 11,510 | | | 15,048 | 14,905 | | |
| September | 8,765 | 8,152 | | | 11,860 | 11,580 | | | 14,584 | 14,614 | | |
| October | 8,605 | 8,158R | | | 11,660 | 11,490R | | | 14,216 | 14,831 | | |
| November | 8,686 | 8,253R | | | 11,690 | 11,510R | | | 14,233 | 14,882 | | |
| December | 8,565 | 8,369R | | | 11,830 | 11,480R | | | 14,718 | 14,814 | | |
| 1 Months Average Annual Rate | 9,139 | 8,751 | 8,528 | -2.5 | 12,350 | 11,730 | 11,540 | -1.6 | | | | |

P - Preliminary R - Revised

SOURCE: American Newspaper Publishers Association, Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp and Paper Association.

NEWSPER001:010CHT51.WP

# NEWSPRINT STATISTICS

(In Thousands of Metric Tonnes)

| | ANPA SAMPLE OF NEWSPAPERS PUBLISHERS STOCK - END OF MONTH | | | | | | | | End of Month - Day's Supply - Consumers' Stocks on Hand & in Transit (1) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | UNADJUSTED | | | | SEASONALLY ADJUSTED | | | | ANPA SAMPLE | | |
| | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 | % Change | 1990 | 1991 | 1992 |
| January | 802.6 | 853.0 | 846.1 | -0.8 | 815.7 | 866.9 | 852.1 | -1.7 | 39 | 45 | 45P |
| February | 835.8 | 918.8 | | | 828.3 | 910.6 | | | 40 | 48 | |
| March | 820.9 | 922.7 | | | 816.0 | 917.1 | | | 38 | 49 | |
| April | 805.4 | 907.1 | | | 807.8 | 909.8 | | | 38 | 48 | |
| May | 802.4 | 905.0 | | | 819.6 | 924.4 | | | 40 | 49 | |
| June | 824.8 | 890.5 | | | 822.3 | 887.8 | | | 44 | 53 | |
| July | 858.5 | 914.0 | | | 833.5 | 887.4 | | | 44 | 50 | |
| August | 911.9 | 903.6 | | | 877.7 | 869.7 | | | 43 | 47 | |
| September | 849.7 | 863.6 | | | 821.8 | 835.2 | | | 41 | 43 | |
| October | 810.3 | 804.5 | | | 821.8 | 815.9 | | | 38 | 40 | |
| November | 779.7 | 798.7 | | | 822.5 | 842.5 | | | 40 | 42R | |
| December | 801.5 | 816.3R | | | 816.2 | 831.3R | | | 43 | 45 | |

P - Preliminary R - Revised

(1) Since stocks represent paper to be printed in the future, the Day's Supply is calculated by dividing publishers stocks in tons by the projected consumption in the next following month.

SOURCE: American Newspaper Publishers Association.

The projected consumption is based on the assumption that the seasonal adjusted rate in the coming month will be equal to the average of the two preceding months.

| | OPERATING RATES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | UNITED STATES | | | CANADA | | | NORTH AMERICA | | |
| | 1990(1) | 1991(1) | 1992 | 1990 | 1991 | 1992 | 1990(1) | 1991(1) | 1992 |
| January | 95.5 | 95.5 | 98.1 | 94 | 95 | 80 | 94.4 | 95.2 | 87.9 |
| February | 97.5 | 95.8 | | 94 | 97 | | 95.5 | 96.3 | |
| March | 93.7 | 95.5 | | 95 | 90 | | 94.4 | 92.4 | |
| April | 96.6 | 98.1 | | 93 | 87 | | 94.0 | 91.0 | |
| May | 94.1 | 95.2 | | 97 | 87 | | 96.2 | 90.4 | |
| June | 97.1 | 95.8 | | 95 | 87 | | 95.6 | 90.3 | |
| July | 98.9 | 99.0 | | 94 | 86 | | 95.6 | 91.0 | |
| August | 99.7 | 96.1 | | 90 | 86 | | 93.5 | 90.2 | |
| September | 98.0 | 94.5 | | 77 | 87 | | 85.0 | 89.6 | |
| October | 98.2 | 96.8 | | 80 | 82 | | 86.9 | 87.5 | |
| November | 99.6 | 99.6 | | 81 | 83 | | 88.3 | 89.4 | |
| December | 99.1 | 99.4 | | 86 | 74 | | 90.9 | 84.0 | |
| 1 Months | 95.5 | 95.5 | 98.1 | 94 | 95 | 80 | 94.9 | 95.2 | 87.9 |
| TOTAL YEAR | 97.3 | 96.8 | | 90 | 87 | | 92.3 | 90.2 | |

SOURCE: Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp and Paper Association.
(1) Monthly figures have been revised to reflect total year.

NEWSPER001:012CHT51.WP

# NEWSPRINT SHIPMENTS BY DESTINATION

(In Thousands of Metric Tonnes)

| YEAR | NORTH-EAST | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL DOMESTIC SHIPMENTS |
|---|---|---|---|---|---|---|---|---|---|
| **United States** | | | | | | | | | |
| 1981 | 459 | 241 | 196 | 885 | 321 | 1,018 | 260 | 1,072 | 4,452 |
| 1982 | 453 | 269 | 178 | 801 | 314 | 1,008 | 238 | 990 | 4,251 |
| 1983 | 461 | 295 | 183 | 920 | 302 | 1,035 | 242 | 971 | 4,409 |
| 1984 | 487 | 297 | 160 | 1,042 | 315 | 1,136 | 266 | 1,104 | 4,807 |
| 1985 | 489 | 292 | 151 | 1,069 | 310 | 1,060 | 243 | 1,034 | 4,648 |
| 1986 | 538 | 304 | 154 | 1,117 | 322 | 974 | 277 | 1,091 | 4,777 |
| 1987 | 560 | 311 | 151 | 1,210 | 347 | 994 | 288 | 1,165 | 5,026 |
| 1988 | 553 | 303 | 133 | 1,232 | 353 | 999 | 271 | 1,189 | 5,033 |
| 1989 | 558 | 334 | 138 | 1,229 | 341 | 977 | 277 | 1,176 | 5,030 |
| 1990 | 573 | 425 | 183 | 1,331 | 382 | 1,066 | 276 | 1,344 | 5,580 |
| 1991 | 574 | 450 | 186 | 1,258 | 399 | 1,141 | 294 | 1,276 | 5,582 |
| **Canada** | | | | | | | | | |
| 1981 | 2,099 | 1,683 | 427 | 689 | 161 | 60 | 210 | 732 | 6,061 |
| 1982 | 1,951 | 1,446 | 401 | 662 | 149 | 64 | 217 | 694 | 5,584 |
| 1983 | 2,079 | 1,471 | 438 | 677 | 174 | 103 | 248 | 779 | 5,969 |
| 1984 | 2,261 | 1,603 | 509 | 762 | 213 | 126 | 281 | 745 | 6,500 |
| 1985 | 2,268 | 1,612 | 507 | 718 | 221 | 162 | 268 | 837 | 6,593 |
| 1986 | 2,352 | 1,579 | 502 | 717 | 224 | 155 | 255 | 888 | 6,672 |
| 1987 | 2,493 | 1,669 | 538 | 800 | 226 | 175 | 302 | 870 | 7,073 |
| 1988 | 2,444 | 1,628 | 547 | 807 | 205 | 184 | 275 | 899 | 6,989 |
| 1989 | 2,257 | 1,568 | 508 | 854 | 193 | 208 | 263 | 900 | 6,751 |
| 1990 | 2,133 | 1,445 | 487 | 735 | 165 | 196 | 269 | 993 | 6,423 |
| 1991 | 1,879 | 1,317 | 478 | 711 | 163 | 131 | 254 | 784 | 5,722 |
| **North America** | | | | | | | | | |
| 1981 | 2,558 | 1,924 | 623 | 1,574 | 482 | 1,078 | 470 | 1,804 | 10,513 |
| 1982 | 2,404 | 1,715 | 579 | 1,463 | 463 | 1,072 | 455 | 1,684 | 9,835 |
| 1983 | 2,540 | 1,766 | 621 | 1,597 | 476 | 1,138 | 490 | 1,750 | 10,378 |
| 1984 | 2,748 | 1,900 | 669 | 1,804 | 528 | 1,262 | 547 | 1,849 | 11,307 |
| 1985 | 2,757 | 1,904 | 658 | 1,787 | 531 | 1,222 | 511 | 1,871 | 11,241 |
| 1986 | 2,890 | 1,883 | 656 | 1,834 | 546 | 1,129 | 532 | 1,979 | 11,449 |
| 1987 | 3,053 | 1,980 | 689 | 2,010 | 573 | 1,169 | 590 | 2,035 | 12,099 |
| 1988 | 2,997 | 1,931 | 680 | 2,039 | 558 | 1,183 | 546 | 2,088 | 12,022 |
| 1989 | 2,815 | 1,902 | 646 | 2,083 | 534 | 1,185 | 540 | 2,076 | 11,781 |
| 1990 | 2,706 | 1,870 | 670 | 2,066 | 547 | 1,262 | 545 | 2,337 | 12,003 |
| 1991 | 2,451 | 1,767 | 663 | 1,968 | 563 | 1,271 | 548 | 2,060 | 11,304 |

SOURCE: Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp & Paper Association.

NEWSPER001:009CHT51.WP

# NORTH AMERICAN
# NEWSPRINT SHIPMENTS BY DESTINATION

(In Thousands of Metric Tonnes)

| REGION | QUARTER | UNITED STATES | | | CANADA | | | TOTAL NORTH AMERICA | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 1990 | 1991 | % CHG. | 1990 | 1991 | % CHG. | 1990 | 1991 | % CHG. |
| New England | 1 Q | 40.4 | 40.1 | -0.7 | 133.4 | 119.6 | -10.3 | 173.8 | 159.7 | -8.1 |
| CT, RI | 2 Q | 49.5 | 49.6 | +0.2 | 145.2 | 119.7 | -17.6 | 194.7 | 169.3 | -13.0 |
| ME, VT | 3 Q | 50.1 | 43.5 | -13.2 | 128.3 | 122.7 | -4.4 | 178.4 | 166.2 | -6.8 |
| MA | 4 Q | 48.6 | 47.3 | -2.7 | 146.7 | 143.2 | -2.4 | 195.3 | 190.5 | -2.5 |
| | Year | 188.6 | 180.5 | -4.3 | 553.6 | 505.2 | -8.7 | 742.2 | 685.7 | -7.6 |
| Middle Atlantic | 1 Q | 97.6 | 91.4 | -6.4 | 407.2 | 341.2 | -16.2 | 504.8 | 432.6 | -14.3 |
| NJ | 2 Q | 99.5 | 100.2 | +0.7 | 434.5 | 330.8 | -23.9 | 534.0 | 431.0 | -19.3 |
| NY | 3 Q | 96.6 | 103.4 | +7.0 | 360.2 | 332.2 | -10.5 | 456.8 | 435.6 | -4.6 |
| PA | 4 Q | 90.7 | 96.9 | +6.8 | 376.5 | 369.1 | -2.0 | 467.2 | 466.0 | -0.3 |
| | Year | 384.4 | 391.9 | +2.0 | 1,578.4 | 1,373.3 | -12.9 | 1,962.8 | 1,765.2 | -0.3 |
| East North Central | 1 Q | 99.7 | 97.4 | -2.3 | 357.5 | 348.1 | -2.6 | 457.2 | 445.5 | -2.6 |
| IL, OH | 2 Q | 103.6 | 107.7 | +4.0 | 394.6 | 329.4 | -16.5 | 498.2 | 437.1 | -12.3 |
| IN, WI | 3 Q | 104.2 | 114.0 | +9.4 | 347.9 | 315.9 | -9.2 | 452.1 | 429.9 | -4.9 |
| MI | 4 Q | 117.7 | 131.3 | +11.6 | 344.8 | 323.5 | -6.2 | 462.5 | 454.8 | -1.7 |
| | Year | 425.2 | 450.4 | +5.9 | 1,444.8 | 1,316.9 | -8.9 | 1,870.0 | 1,767.3 | -5.5 |
| West North Central | 1 Q | 37.4 | 44.2 | +18.2 | 125.2 | 109.4 | -12.6 | 162.6 | 153.6 | -5.5 |
| IA, MO, SD | 2 Q | 41.8 | 47.4 | +13.4 | 128.1 | 119.0 | -7.1 | 169.9 | 166.4 | -2.1 |
| KS, NE | 3 Q | 51.7 | 45.1 | -12.8 | 126.8 | 129.1 | +1.8 | 178.5 | 174.2 | -2.4 |
| MN, ND | 4 Q | 51.7 | 49.0 | -5.2 | 107.6 | 120.1 | +11.6 | 159.3 | 169.1 | +6.2 |
| | Year | 182.6 | 185.7 | +1.7 | 487.7 | 477.6 | -2.1 | 670.3 | 663.3 | -1.0 |
| South Atlantic | 1 Q | 335.0 | 331.4 | -1.1 | 200.7 | 204.5 | +1.9 | 535.7 | 535.9 | +0.04 |
| DE, GA, SC | 2 Q | 327.7 | 310.6 | -5.2 | 208.2 | 175.5 | -15.7 | 535.9 | 486.1 | -9.3 |
| DC, MD, VA | 3 Q | 324.9 | 302.7 | -6.8 | 154.5 | 164.2 | +6.3 | 479.4 | 466.9 | -2.6 |
| FL, NC, WV | 4 Q | 343.2 | 313.0 | -8.8 | 171.7 | 166.5 | -3.0 | 514.9 | 479.5 | -6.9 |
| | Year | 1,330.8 | 1,257.7 | -5.5 | 735.1 | 710.7 | -3.3 | 2,065.9 | 1,968.4 | -4.7 |
| East South Central | 1 Q | 91.9 | 93.8 | +2.1 | 48.6 | 41.3 | -15.0 | 140.2 | 135.1 | -3.6 |
| AL, TN | 2 Q | 98.4 | 100.4 | +2.0 | 44.4 | 44.1 | -0.7 | 142.8 | 144.5 | +1.2 |
| KY | 3 Q | 98.5 | 102.5 | +4.1 | 37.7 | 40.4 | +7.2 | 136.2 | 142.8 | +4.8 |
| MS | 4 Q | 93.8 | 102.9 | +9.7 | 34.1 | 37.5 | +10.0 | 127.9 | 140.4 | +9.8 |
| | Year | 382.6 | 399.6 | +4.4 | 164.8 | 163.3 | -0.9 | 547.1 | 562.8 | +2.9 |
| West South Central | 1 Q | 247.5 | 284.4 | +14.9 | 56.3 | 39.8 | -29.3 | 303.8 | 324.2 | +12.6 |
| AK, TX | 2 Q | 262.9 | 285.0 | +8.4 | 72.3 | 36.9 | -49.0 | 335.2 | 321.9 | -3.9 |
| LA | 3 Q | 280.0 | 291.5 | +4.1 | 41.5 | 31.6 | -23.9 | 321.5 | 323.1 | +0.5 |
| OK | 4 Q | 275.4 | 280.0 | +1.7 | 26.0 | 22.2 | -14.6 | 301.4 | 302.2 | +0.3 |
| | Year | 1,065.8 | 1,140.9 | +7.0 | 196.0 | 130.5 | -33.4 | 1,261.8 | 1,271.4 | +0.8 |
| Mountain | 1 Q | 70.6 | 65.3 | -7.5 | 64.0 | 80.1 | +25.2 | 134.6 | 145.4 | +8.0 |
| AZ, MT, UT | 2 Q | 65.0 | 72.7 | +11.8 | 68.2 | 59.1 | -13.3 | 133.2 | 131.8 | -1.1 |
| CO, NM, WY | 3 Q | 66.6 | 74.6 | +12.0 | 67.4 | 54.9 | -18.5 | 134.0 | 129.5 | -3.4 |
| ID, NV | 4 Q | 73.6 | 81.5 | +10.3 | 69.7 | 60.0 | -13.9 | 143.3 | 141.3 | -1.4 |
| | Year | 275.8 | 294.1 | +6.6 | 269.3 | 254.1 | -5.6 | 545.1 | 548.0 | +0.5 |
| Pacific | 1 Q | 333.0 | 325.7 | -2.2 | 222.5 | 228.1 | +2.5 | 555.5 | 553.8 | -3.1 |
| CA | 2 Q | 338.4 | 297.3 | -12.1 | 235.9 | 193.2 | -18.1 | 574.3 | 490.5 | -14.6 |
| OR | 3 Q | 343.5 | 295.0 | -14.1 | 266.8 | 170.3 | -36.2 | 610.4 | 465.3 | -23.8 |
| WA | 4 Q | 329.4 | 357.9 | +8.7 | 267.8 | 192.7 | -28.0 | 597.2 | 550.6 | -7.8 |
| | Year | 1,344.4 | 1,275.9 | -5.1 | 993.0 | 784.3 | -21.0 | 2,337.4 | 2,060.2 | -11.9 |
| TOTAL DOMESTIC SHIPMENTS | 1 Q | 1,353.1 | 1,373.8 | +1.9 | 1,615.5 | 1,512.1 | -6.4 | 2,968.6 | 2,885.9 | -2.8 |
| | 2 Q | 1,386.8 | 1,370.9 | -1.1 | 1,731.4 | 1,407.7 | -18.7 | 3,118.2 | 2,778.6 | -10.9 |
| | 3 Q | 1,416.2 | 1,377.6 | -2.7 | 1,531.1 | 1,367.7 | -10.7 | 2,947.3 | 2,745.3 | -6.9 |
| | 4 Q | 1,424.1 | 1,459.8 | +2.5 | 1,544.9 | 1,434.7 | -7.1 | 2,969.0 | 2,894.5 | -2.5 |
| | Year | 5,580.2 | 5,582.1 | +0.3 | 6,422.9 | 5,722.2 | -10.9 | 12,003.1 | 11,304.3 | -5.8 |

SOURCE: Newsprint Division, American Paper Institute and Newsprint Section, Canadian Pulp & Paper Association

NEWSPER001:008CHT51.WP

# NEWSPRINT HISTORICAL DATA

## (Thousands of Metric Tonnes)

| YEAR | CAPACITY | PRODUCTION | SHIPMENTS TO UNITED STATES | SHIPMENTS TO CANADA | SHIPMENTS TO OTHER MARKETS | SHIPMENTS TOTAL | INVENTORY END OF YEAR | IMPORTS FROM OVERSEAS |
|---|---|---|---|---|---|---|---|---|
| **UNITED STATES** | | | | | | | | |
| 1980 | 4,418 | 4,239 | 4,058 | - | 176 | 4,234 | 21 | 123 |
| 1981 | 4,951 | 4,752 | 4,452 | - | 283 | 4,735 | 38 | 36 |
| 1982 | 5,129 | 4,574 | 4,251 | - | 275 | 4,526 | 86 | 42 |
| 1983 | 5,238 | 4,687 | 4,409 | - | 265 | 4,674 | 99 | 67 |
| 1984 | 5,308 | 5,025 | 4,807 | - | 258 | 5,065 | 60 | 193 |
| 1985 | 5,300 | 4,924 | 4,648 | - | 279 | 4,927 | 57 | 333 |
| 1986 | 5,315 | 5,107 | 4,777 | - | 338 | 5,115 | 49 | 301 |
| 1987 | 5,449 | 5,300 | 5,026 | - | 284 | 5,310 | 36 | 356 |
| 1988 | 5,547 | 5,427 | 5,033 | - | 382 | 5,415 | 48 | 275 |
| 1989 | 5,712 | 5,523 | 5,030 | - | 485 | 5,515 | 56 | 202 |
| 1990 | 6,194 | 5,997 | 5,580 | - | 427 | 6,007 | 46 | 164 |
| **CANADA** | | | | | | | | |
| 1980 | 9,130 | 8,625 | 6,118 | 980 | 1,524 | 8,622 | 165 | - |
| 1981 | 9,490 | 8,946 | 6,061 | 1,045 | 1,809 | 8,915 | 194 | - |
| 1982 | 9,920 | 8,097 | 5,584 | 934 | 1,525 | 8,043 | 256 | - |
| 1983 | 9,885 | 8,414 | 5,969 | 963 | 1,436 | 8,368 | 303 | - |
| 1984 | 9,710 | 8,917 | 6,500 | 1,059 | 1,363 | 8,922 | 297 | - |
| 1985 | 9,725 | 8,890 | 6,593 | 1,016 | 1,290 | 8,899 | 288 | - |
| 1986 | 9,800 | 9,202 | 6,672 | 1,096 | 1,446 | 9,214 | 276 | - |
| 1987 | 9,855 | 9,630 | 7,073 | 1,158 | 1,487 | 9,718 | 189 | - |
| 1988 | 9,945 | 9,840 | 6,989 | 1,198 | 1,553 | 9,740 | 288 | - |
| 1989 | 10,020 | 9,640 | 6,751 | 1,141 | 1,714 | 9,606 | 321 | - |
| 1990 | 10,070 | 9,068 | 6,423 | 1,132 | 1,520 | 9,075 | 315 | - |
| **NORTH AMERICA** | | | | | | | | |
| 1980 | 13,548 | 12,864 | 10,176 | 980 | 1,700 | 12,856 | 186 | 123 |
| 1981 | 14,441 | 13,698 | 10,513 | 1,045 | 2,092 | 13,650 | 232 | 36 |
| 1982 | 15,049 | 12,671 | 9,835 | 934 | 1,800 | 12,569 | 342 | 42 |
| 1983 | 15,123 | 13,101 | 10,378 | 963 | 1,701 | 13,042 | 402 | 67 |
| 1984 | 15,018 | 13,942 | 11,307 | 1,059 | 1,621 | 13,987 | 357 | 193 |
| 1985 | 15,025 | 13,814 | 11,241 | 1,016 | 1,569 | 13,826 | 345 | 333 |
| 1986 | 15,115 | 14,309 | 11,449 | 1,096 | 1,784 | 14,329 | 325 | 301 |
| 1987 | 15,304 | 14,930 | 12,099 | 1,158 | 1,771 | 15,028 | 225 | 356 |
| 1988 | 15,492 | 15,267 | 12,022 | 1,198 | 1,935 | 15,155 | 336 | 275 |
| 1989 | 15,732 | 15,163 | 11,781 | 1,141 | 2,199 | 15,121 | 377 | 202 |
| 1990 | 16,264 | 15,065 | 12,003 | 1,132 | 1,947 | 15,082 | 361 | 164 |

P - Preliminary N.A. - Not Available

Source: Media Records, Department of Commerce, Editor and Publisher, API and Bureau of Census

(1) Figures were revised as of 1980 Census. Total revised series is not available at this time.

(2) Tonnage that would have been shipped if all basis weights used had been 48.8 g/m² or 30# 24 X 36/500

| YEAR | ANPA SAMPLE OF NEWSPAPER PUBLISHERS STOCK END OF YEAR | U.S. ESTIMATED CONSUMPTION: ANPA STATISTICAL SAMPLE | U.S. ESTIMATED CONSUMPTION: DAILY NEWSPAPERS | U.S. ESTIMATED CONSUMPTION: - ALL USERS - AS REPORTED | U.S. ESTIMATED CONSUMPTION: - ALL USERS - 48.8 G/M² (2) | TONNAGE LOSS DUE TO NEWSPAPER STRIKES |
|---|---|---|---|---|---|---|
| 1980 | 732 | 6,581 | 7,789 | 10,088 | 10,133 | - |
| 1981 | 961 | 6,506 | 7,813 | 10,164 | 10,219 | - |
| 1982 | 854 | 6,358 | 7,607 | 10,096 | 10,157 | 2 |
| 1983 | 790 | 6,638 | 7,898 | 10,529 | 10,604 | - |
| 1984 | 874 | 7,075 | 8,532 | 11,349 | 11,419 | - |
| 1985 | 910 | 7,199 | 8,725 | 11,507 | 11,571 | 21 |
| 1986 | 849 | 7,422 | 8,865 | 11,873 | 11,943 | - |
| 1987 | 900 | 7,606 | 9,125 | 12,303 | 12,375 | - |
| 1988 | 932 | 7,548 | 9,050 | 12,244 | 12,338 | - |
| 1989 | 749 | 7,546 | 9,077 | 12,241 | 12,343 | - |
| 1990 | 786 | 7,493 | 9,086 | 12,127 | 12,198 | 2 |

**UNITED STATES NEWSPAPERS**

| YEAR | ADVERTISING % OF TOTAL PAGES | CIRCULATIONS: U.S. HOUSEHOLDS (000'S) | CIRCULATIONS: NEWSPAPER CIRCULATIONS (MILLIONS) DAILY | CIRCULATIONS: NEWSPAPER CIRCULATIONS (MILLIONS) SUNDAY | CIRCULATIONS: CIRCULATIONS PER HOUSEHOLD DAILY | CIRCULATIONS: CIRCULATIONS PER HOUSEHOLD SUNDAY |
|---|---|---|---|---|---|---|
| 1980 | 62.6 | 80,776(1) | 62.2 | 54.7 | 0.77 | 0.68 |
| 1981 | 62.3 | 82,368 | 61.4 | 55.2 | 0.75 | 0.67 |
| 1982 | 62.2 | 83,527 | 62.5 | 56.3 | 0.75 | 0.67 |
| 1983 | 62.5 | 83,918 | 62.6 | 56.7 | 0.75 | 0.68 |
| 1984 | 63.0 | 85,407 | 63.1 | 57.5 | 0.74 | 0.67 |
| 1985 | 62.8 | 86,789 | 62.8 | 58.8 | 0.72 | 0.68 |
| 1986 | 62.2 | 88,458 | 62.5 | 58.9 | 0.71 | 0.67 |
| 1987 | 62.0 | 89,479 | 62.8 | 60.1 | 0.70 | 0.67 |
| 1988 | 62.7 | 91,066 | 62.7 | 61.5 | 0.69 | 0.68 |
| 1989 | N.A. | 92,830 | 62.6 | 62.0 | 0.68 | 0.67 |
| 1990 | N.A. | 93,347 | 62.3P | 62.4P | 0.67 | 0.69 |

**OLD NEWSPAPERS RECYCLED**

| YEAR | METRIC TONNES: IN THE U.S. NEWSPRINT | METRIC TONNES: IN THE U.S. TOTAL | METRIC TONNES: EXPORTS | METRIC TONNES: TOTAL | SHORT TONS: TOTAL |
|---|---|---|---|---|---|
| 1980 | 773 | 2,598 | 406 | 3,004 | 3,312 |
| 1981 | 811 | 2,587 | 403 | 2,990 | 3,296 |
| 1982 | 967 | 2,697 | 408 | 3,105 | 3,423 |
| 1983 | 940 | 2,714 | 457 | 3,171 | 3,496 |
| 1984 | 1,141 | 2,898 | 539 | 3,437 | 3,789 |
| 1985 | 1,190 | 2,926 | 606 | 3,532 | 3,893 |
| 1986 | 1,238 | 3,191 | 727 | 3,918 | 4,319 |
| 1987 | 1,257 | 3,259 | 844 | 4,103 | 4,523 |
| 1988 | 1,298 | 3,371 | 970 | 4,341 | 4,785 |
| 1989R | 1,334 | 3,754 | 1,162 | 4,916 | 5,419 |
| 1990P | 1,588 | 4,169 | 1,140 | 5,309 | 5,852 |

## FORECASTS OF U.S ECONOMY

## GROSS DOMESTIC PRODUCT

### (Billions of Constant (1987) Dollars - Seasonally Adjusted)

| SOURCE | 1991 | | | | 1992 | | | | ANNUAL | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. | 1991 | 1992 |
| Merrill Lynch - February 10, 1992 | 4,824.0 | 4,840.7 | 4,862.7 | 4,866.3 | N.A. | N.A. | N.A. | N.A. | 4,848.4 | 4,907.0 |
| % Chg. vs. Prior Qtr. Annual-Basis | -2.5 | +1.4 | +1.8 | +0.3 | N.A. | N.A. | N.A. | N.A. | -0.7 | +1.2 |
| Data Resources Inc. - February, 1992 | 4,824.0 | 4,840.7 | 4,862.7 | 4,866.3 | 4,865.8 | 4,899.4 | 4,946.6 | 4,991.2 | 4,848.4 | 4,925.8 |
| % Chg. vs. Prior Qtr. Annual Basis | -2.5 | +1.4 | +1.8 | +0.3 | 0.0 | +2.8 | +3.9 | +3.7 | -0.7 | +1.6 |

| Annual GDP for - 1988 - 4,718.6 | ACTUAL - 1989 | | | | ACTUAL - 1990 | | | |
|---|---|---|---|---|---|---|---|---|
| Annual GDP for - 1989 - 4,836.9 | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. |
| Annual GDP for - 1990 - 4,884.9 | 4,809.8 | 4,832.4 | 4,845.6 | 4,859.7 | 4,880.8 | 4,900.3 | 4,903.3 | 4,855.1 |
| % Chg. vs. Prior Qtr. Annual Basis | +2.5 | +1.9 | +1.1 | +1.2 | +1.7 | +1.6 | +0.2 | -3.9 |

R - Revised

## ADVERTISING EXPENDITURES BY MEDIA - PERCENT OF TOTAL

| YEAR | PRINT | | | | | | | OTHER | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | NEWSPAPERS | MAGAZINES | BUSINESS PAPERS | DIRECT MAIL | YELLOW PAGES | OUTDOOR | TOTAL PRINT (1) | TELEVISION | RADIO | OTHER* |
| 1981 | 27.4 | 5.8 | 3.0 | 14.8 | 5.5 | 1.1 | 57.6 | 21.2 | 7.0 | 14.2 |
| 1982 | 26.6 | 5.6 | 2.8 | 15.5 | 5.7 | 1.1 | 57.3 | 22.0 | 7.0 | 13.7 |
| 1983 | 27.1 | 5.6 | 2.6 | 15.5 | 5.8 | 1.1 | 57.7 | 22.1 | 6.9 | 13.3 |
| 1984 | 26.8 | 5.6 | 2.6 | 15.7 | 5.6 | 1.0 | 57.3 | 22.6 | 6.6 | 13.5 |
| 1985 | 26.6 | 5.4 | 2.5 | 16.4 | 6.1 | 1.0 | 58.0 | 22.2 | 6.8 | 13.0 |
| 1986 | 26.4 | 5.2 | 2.3 | 16.8 | 6.4 | 1.0 | 58.1 | 22.4 | 6.8 | 12.7 |
| 1987 | 26.8 | 5.1 | 2.3 | 17.4 | 6.7 | 0.9 | 59.2 | 21.8 | 6.6 | 12.4 |
| 1988 | 26.4 | 5.2 | 2.2 | 17.9 | 6.6 | 0.9 | 59.2 | 21.7 | 6.6 | 12.5 |
| 1989 | 26.1 | 5.4 | 2.2 | 17.7 | 6.7 | 0.9 | 59.3 | 21.7 | 6.7 | 12.3 |
| 1990 | 25.3 | 5.3 | 2.2 | 18.1 | 6.8 | 0.9 | 58.6 | 22.1 | 6.7 | 12.4 |

* - Including Farm Publications
(1) - Includes Yellow Pages - formerly in other
Source: Robert J. Coen, McCann-Erickson, Inc.
(Components may not add to 100 because of rounding)

NEWSPER001:014CHT51.WP

# OVERSEAS NEWSPRINT STATISTICS

(In Thousands of Metric Tonnes) (See Note Below) (Not Seasonally Adjusted)

| | NORWAY | | | FINLAND | | | SWEDEN | | |
|---|---|---|---|---|---|---|---|---|---|
| | TOTAL SHIPMENTS | | | TOTAL SHIPMENTS | | | TOTAL SHIPMENTS | | |
| | 1989 | 1990 | 1991 | 1989 | 1990 | 1991 | 1989 | 1990 | 1991 |
| January | 68.8 | 60.1 | 66.6 | 80.6 | 82.0 | 89.7 | 124.5 | 141.1 | 151.1 |
| February | 74.2 | 80.0 | 82.0 | 85.0 | 92.4 | 87.4 | 156.5 | 157.2 | 148.6 |
| March | 80.1 | 85.6 | 81.4 | 105.3 | 108.3 | 111.6 | 183.6 | 198.0 | 177.4 |
| April | 66.3 | 81.1 | 64.9 | 93.5 | 107.6 | 105.2 | 177.4 | 200.5 | 173.0 |
| May | 92.0 | 82.2 | 75.1 | 104.1 | 101.5 | 97.0 | 204.1 | 182.9 | 178.7 |
| June | 54.2 | 67.0 | 76.5 | 94.3 | 114.1 | 42.4 | 190.1 | 177.3 | 160.1 |
| July | 72.3 | 75.3 | 65.3 | 94.7 | 104.2 | 120.3 | 172.8 | 177.5 | 159.6 |
| August | 86.5 | 70.8 | 63.1 | 101.6 | 101.1 | 106.7 | 206.3 | 177.3 | 152.4 |
| September | 67.0 | 95.9 | 76.3 | 101.7 | 95.3 | 99.5 | 187.8 | 209.2 | 161.7 |
| October | 75.0 | 74.0 | 79.2 | 101.4 | 142.8 | 123.2 | 167.3 | 216.0 | 191.7 |
| November | 73.3 | 88.8 | 81.4 | 101.7 | 128.2 | 114.9 | 192.9 | 200.9 | 183.6 |
| December | 71.8 | 93.5 | 59.8 | 105.0 | 125.6 | 112.2 | 188.2 | 208.4 | 179.8 |
| TOTAL YEAR | 881.5 | 954.3 | 871.6 | 1,168.9 | 1,303.1 | 1,210.1 | 2,151.5 | 2,246.3 | 2,017.1 |

| | SHIPMENTS TO THE UNITED STATES | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | NORWAY | | | FINLAND | | | SWEDEN | | |
| | 1989 | 1990 | 1991 | 1989 | 1990 | 1991 | 1989 | 1990 | 1991 |
| January | 5.0 | 0.1 | 2.3 | 0.5 | 0.4 | 2.8 | 6.4 | 6.1 | 2.1 |
| February | 0.0 | 3.0 | 2.8 | 0.2 | 0.8 | 0.5 | 13.1 | 5.7 | 8.5 |
| March | 4.0 | 3.6 | 3.1 | 0.3 | 1.0 | 0.1 | 5.7 | 13.6 | 11.1 |
| April | 2.2 | 3.4 | 1.0 | 0.9 | 1.8 | 1.3 | 10.2 | 12.4 | 2.4 |
| May | 4.0 | 2.8 | 2.4 | 0.3 | 0.8 | 1.0 | 20.9 | 7.5 | 3.8 |
| June | 0.0 | 2.2 | 3.5 | 0.2 | 1.0 | 0.6 | 2.2 | 4.8 | 0.0 |
| July | 6.5 | 3.7 | 0.0 | 0.2 | 0.8 | 1.9 | 12.2 | 11.8 | 0.0 |
| August | 2.2 | 2.7 | 2.5 | 0.0 | 1.0 | 0.5 | 16.0 | 4.9 | 8.5 |
| September | 4.0 | 2.3 | 4.4 | -0.3 | 0.5 | 2.5 | 6.2 | 5.5 | 0.5 |
| October | 0.0 | 2.5 | 0.0 | 0.3 | 1.9 | 0.8 | 0.1 | 4.8 | 3.5 |
| November | 8.5 | 2.6 | 2.4 | 0.0 | 1.1 | 0.8 | 12.3 | 3.1 | 1.4 |
| December | 4.2 | 4.9 | 2.5 | 0.2 | 0.5 | 1.1 | 8.3 | 2.8 | 5.3 |
| TOTAL YEAR | 40.6 | 33.8 | 26.9 | 2.8 | 11.6 | 13.9 | 113.6 | 83.0 | 47.1 |

SOURCE: EPINEWS

NOTE: Scandinavian newsprint shipments for 1990 are not comparable to earlier years. These statistics now include improved newsprint which has a different brightness than standard newsprint.

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# OVERSEAS NEWSPRINT CAPACITY



| COUNTRY | ANNUAL CAPACITY (000 Metric Tonnes) | | | | | |
|---|---|---|---|---|---|---|
| | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 |
| **Europe** | | | | | | |
| Scandinavia | | | | | | |
| Finland | 1,390 | 1,426 | 1,424 | 1,402 | 1,368 | 1,463 |
| Norway | 1,055 | 1,034 | 1,052 | 1,062 | 1,070 | 1,069 |
| Sweden | 2,465 | 2,442 | 2,487 | 2,497 | 2,481 | 2,475 |
| Austria | 345 | 445 | 425 | 440 | 440 | 440 |
| Belgium-Luxem | 115 | 115 | 115 | 115 | 115 | 115 |
| France | 465 | 608 | 832 | 880 | 889 | 899 |
| Germany, Fed.Rep. | 1,120 | 1,149 | 1,151 | 1,153 | 1,220 | 1,220 |
| Italy | 275 | 277 | 327 | 327 | 327 | 327 |
| Netherlands | 375 | 360 | 376 | 376 | 376 | 376 |
| Spain | 245 | 253 | 410 | 423 | 435 | 435 |
| Switzerland | 280 | 255 | 260 | 229 | 201 | 202 |
| United Kingdom | 770 | 776 | 796 | 796 | 796 | 796 |
| **Total Above** | **8,900** | **9,140** | **9,655** | **9,700** | **9,718** | **9,817** |
| **Africa** | | | | | | |
| South Africa | **440** | **440** | **440** | **440** | **440** | **440** |
| **Asia** | | | | | | |
| China | 540 | 570 | 570 | 570 | 570 | 570 |
| India | 360 | 475 | 475 | 475 | 475 | 475 |
| Indonesia | 210 | 260 | 260 | 260 | 260 | 260 |
| Japan | 3,625 | 3,780 | 4,148 | 4,325 | 4,457 | 4,617 |
| Korea, Rep. of | 560 | 595 | 595 | 595 | 595 | 595 |
| Philippines | 165 | 170 | 170 | 170 | 170 | 170 |
| Total Above | | | | | | |
| **Asia** | **5,460** | **5,850** | **6,218** | **6,395** | **6,527** | **6,687** |
| **Oceania** | | | | | | |
| Australia | 380 | 390 | 395 | 395 | 395 | 395 |
| New Zealand | 295 | 295 | 295 | 295 | 295 | 295 |
| Total Above | | | | | | |
| **Oceania** | **675** | **685** | **690** | **690** | **690** | **690** |
| **South America** | | | | | | |
| Argentina | 240 | 240 | 240 | 240 | 240 | 240 |
| Brazil | 260 | 260 | 266 | 349 | 574 | 642 |
| Chile | 195 | 195 | 208 | 208 | 208 | 208 |
| Mexico | 420 | 420 | 465 | 465 | 465 | 465 |
| Venezuela | 0 | 0 | 200 | 200 | 200 | 200 |
| Total Above | | | | | | |
| **S. America** | **1,115** | **1,115** | **1,379** | **1,462** | **1,687** | **1,755** |
| **TOTAL ABOVE COUNTRIES** | **16,590** | **17,230** | **18,382** | **18,687** | **19,062** | **19,389** |

**ANNOUNCED CAPACITY CHANGES**

| Country | Company/Location | Date | Annual (000) Metric Tonnes | Comments |
|---|---|---|---|---|
| Finland | Tampella AB/Anjala Mill | 1990 | (80) | Conv. to other grades |
| | United Paper Mills/Kaipola | 1995 | 50 | Rebuild |
| Norway | A/S Follum/Honefoss | 1990 | 30 | Machine Modernization |
| | Norske Skogindustrier/Skogen | 1991 | 100 | Mach.Rebld./Modrnztn. |
| Sweden | SCA Paper/Ortviken Mill | Late '90 | (100) | PM #1 to LWC |
| | | | 20 | PM #4 - Rebuild |
| | SCA Paper/Munfors Mill | 1990 | (65) | Mill Closure |
| | Holmens Paper/Hallstavik | 1992 | (70) | Conv. to other grades |
| | Stora/Kvarnsveden | 1994 | (125) | Conv. to other grades |
| Austria | Steyrermuhl Papierfabriks AG/ Steyrermuhl | Spring '90 | 280 | New Machine |
| | Steyrermuhl Papierfabriks AG/ Steyrermuhl | Spring '90 | (130) | 2 Mach. Shutdowns |
| France | United Paper Mills (STRACEL)/ Strasbourg | Nov. '90 | 225 | New PM |
| | Papeteries De Golbey/ (Subs. of: Holtzmann, NSI, & Matussiere), Golbey | Early '92 | 200 | New Mill |
| Germany, Fed.Rep. | Haindl/Schongau | Early '90 | 225 | New Machine - 135 net |
| | Schwedt VEB/Haindl Schwedt | Mid '93 | 230 | New PM |
| India | Punjab Agro/Punjab | Mid '91 | 90 | New Mill |
| | Nepa Mills Ltd./ Nepanger | Mid '91 | 90 | New Mill |
| | Hindustan Newsprint/ Kumarbagh | 1991 | 45 | New PM |
| | Hindustan Newsprint/ Kerala | 1994 | 80 | New PM |
| Indonesia | Sinar Finn/Ciberon | 1990 | 60 | Second Hand PM |
| | P.T. Aspex Paper/ Cileungal near Jakarta | Fall '91 | 100 | New PM |
| Malaysia | Cominco/Kuantan | Early '93 | 100 | New Mill |
| Iran | Mazanderan/Sari | 1993 | 50 | New PM |
| China | Nanping Paper Mill/ Nanping | 1991 | 70 | Second Hand PM |
| Korea | Sepoong Corp./Yunsan-Si Chun-Buk | 1992 | 132 | New PM |
| Spain | Papelera Peninsular/Madrid | 1991 | 10 | PM Rebuild |
| Japan | Sanyp-Kokusaku/ Yufutsu | March '90 | 140 | New PM |
| | Daio Paper/Mishima | April '90 | 105 | New PM |
| | Daishowa/Iwanuma | May '91 | 220 | New PM |
| Chile | Daio/Osorno | Early '93 | 120 | New Mill |
| Vietnam | Tan Mai/ Ho Chi Minh City | Sept. '90 | 55 | New Mill |
| Former Soviet Republics | Sloka/Sloka, Latvian SSR | 1990 | N/A | Mill Closure |
| | Balachna Paper/Balachna | 1991 | 200 | New PM |

Source: FAO, EPI, and CPPA.

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## ANNUAL NEWSPRINT CAPACITY INFORMATION



### (Thousands of Metric Tonnes)

| | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| United States (API) (1) | 5,129 | 5,238 | 5,308 | 5,300 | 5,315 | 5,449 | 5,547 | 5,712 | 6,162R | 6,413R | 6,612R | 6,695R |
| Canada (CPPA) (2) | 9,920 | 9,885 | 9,710 | 9,725 | 9,800 | 9,855 | 9,945 | 10,020 | 10,100R | 10,430P | 10,925P | 10,990P |
| Total | 15,049 | 15,123 | 15,018 | 15,025 | 15,115 | 15,304 | 15,492 | 15,732 | 16,262R | 16,843R | 17,537R | 17,685R |
| % Change | | +0.5 | -0.7 | +0.0 | +0.6 | +1.3 | +1.2 | +1.5 | +3.1R | +3.6R | +4.1R | +0.8R |

(1) Based on data compiled in API Capacity Survey issued December, 1991 plus subsequent revisions announced since that time.
(2) Canadian Pulp and Paper Association - Newsprint Data Book - 1990 issued 8/91.
P - Preliminary R - Revised

## ANNOUNCED CAPACITY CHANGES

### United States Mills

| COMPANY | LOCATION | DATE | COMMENTS | NEWSPRINT | OTHER | TOTAL |
|---|---|---|---|---|---|---|
| Newsprint South | Grenada, MS | '90 | New Mill | 194,000 | - | 194,000 |
| Southeast | Dublin, GA | '89 | New Machine | 230,000 | - | 230,000 |
| Ponderay | USK, WA | '90 | New Mill | 170,000 | - | 170,000 |
| Alabama River | Claiborne, AL | '91 | New Mill | 220,000 | - | 220,000 |
| North Pacific | Longview, WA | '91 | New Machine | 222,000 | - | 222,000 |

### Canadian Mills

| | | | | | | |
|---|---|---|---|---|---|---|
| Fletcher Challenge | Crofton, B.C. | 1989 | Improvements | 35,000 | - | 35,000 |
| Abitibi-Price | Alma, QUE | Feb. '89 | Conversion of machine (#10) from Newsprint to Uncoated Groundwood | -55,000 | 45,000 | -10,000 |
| Donohue | Clermont, QUE | Feb. '89 | Shutdown of #2 machine | -40,000 | - | -40,000 |
| Finlay Forest Ind. | Mackenzie, B.C. | Feb. '89 | New Machine | 180,000 | - | 180,000 |
| St. Raymond | St. Raymond, QUE | May '89 | Mill Closed (Newsprint & Uncoated G'wood) Plans to reopen in Sept. 1990 as a Coated Mill 70,000 capacity | -30,000 | -30,000 | -60,000 |
| MacMillan Bloedel | Powell River, B.C. | Aug. '90 | #8 machine shutdown | -40,000 | - | -40,000 |
| Gold River Newsprint | Gold River, BC | Nov. '89 | New Mill | 230,000 | - | 230,000 |
| Stone Consolidated | Shawinigan, QUE | Dec. '89 | #5 machine shutdown | -45,000 | - | -45,000 |
| Fletcher Challenge | Elk Falls, BC | By 1989 | Expansion | 50,000 | - | 50,000 |
| Bowater Mersey | Brooklyn, N.S. | Late '89 | Improvements | 50,000 | - | 50,000 |
| Abitibi-Price | Kenogami Mill, Jonquiere, QUE | Jan. '90 | #4 machine shutdown | -30,000 | - | -30,000 |
| Abitibi-Price | Grand Falls, NFLD | Mar. '90 | #6 machine shutdown | -60,000 | - | -60,000 |
| Alberta Newsprint | Whitecourt, ALTA | Aug. '90 | New Mill | 220,000 | - | 220,000 |
| Stone Consolidated | Grand'Mere, QUE | Sept. '90 | Machines Shutdown (#8 - #9) | -70,000 | - | -70,000 |
| Atlantic Newsprint | Whitby, ONT | Dec. '90 | New Mill | 150,000 | - | 150,000 |
| Kruger | Three Rivers, QUE | Jan. '91 | New Machine - 180,000 - Conversion of of one machine to SC - Net 110,000 | 110,000 | 70,000 | 180,000 |
| Canadian Pacific | Thunder Bay, ONT | 3rd Qtr. '91 | New machine - 240,000 - replacing 2 older machines of 180,000 - Net gain of 60,000 | 60,000 | - | 60,000 |
| Howe Sound | Port Mellon, B.C. | 2nd Qtr. '91 | New Machine | 200,000 | - | 200,000 |

R - Revised

## ANNOUNCED DEINKING CAPACITY CHANGES FOR NEWSPRINT



### United States Mills

| COMPANY | LOCATION | DATE | COMMENTS | TONNES/DAY | CAPACITY DAYS(E) | TONNES/YEAR |
|---|---|---|---|---|---|---|
| Southeast | Dublin, GA | Sept. '89 | | | | 209,000 |
| Augusta Newsprint | Augusta, GA | 3rd Qtr. '90 | Cost $27 million | 250 | 360 | 90,000 |
| North Pacific | Longview, WA | April '91 | | | | 222,000 |
| Bowater | Calhoun, TN | Aug. '91 | Cost $75 million | | | 109,500 |
| Inland Empire | Millwood, WA | Sept. '91 | | | | 33,000 |
| Champion | Sheldon, TX | 1st Qtr. '93 | | | | 130,000 |
| Georgia-Pacific | East Millinocket, ME | Late '92 | | 250 | 360 | 90,000 |
| Boise Cascade | West Tacoma, WA | 1993 | Cost $50 million plus | 200 | 360 | 72,000 |

### Canadian Mills

| | | | | | | |
|---|---|---|---|---|---|---|
| Atlantic Newsprint | Whitby, ONT | Dec. '90 | | | | 150,000 |
| Canadian Pacific<br>Canadian Pacific | Thunder Bay, ONT<br>Gatineau, QUE | Aug. '91<br>Dec. '91 | Cost $175 million | | | 100,000<br>182,500 |
| Kruger | Bromptonville, QUE | Fall '91 | | | | 50,000 |
| Alberta Newsprint | Whitecourt, ALTA | Late '92 | Cost $50-$60 million | | | |

E - Estimated
R - Revised

# HARMONIZED TARIFF SCHEDULE OF THE UNITED STATES (1991)

## Newsprint Definition
## Chapter 48

In this chapter the expression "newsprint" means uncoated paper of a kind used for the printing of newspapers, of which not less than 65 percent by weight of the total fiber content consists of wood fibers obtained by a mechanical process, unsized or very lightly sized, having a smoothness on each side not exceeding 200 seconds Bekk, weighing not less than 40 g per square meter and not more than 57 g per square meter and having an ash content by weight not exceeding 8 percent.

## Paper Dictionary

... it does not include printing papers of types generally used for purposes other than newspapers such as groundwood printing papers for catalogs, directories, etc.

**Note:** Basis Weight: 40 g/m$^2$ = 24.6# 24 x 36/500
57 g/m$^2$ = 35# 24 x 36/500.